

**From:** [Johanna Miller](#)  
**To:** [Tricia Pfeiffer](#)  
**Cc:** [Alexandra Hall](#)  
**Subject:** Re: dust control  
**Date:** 07/20/2012 04:30 PM

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This is great. I credit your persistence in making this happen. Have a good weekend.

Sent by EPA Wireless E-Mail Services

▼ [Tricia Pfeiffer](#)

----- Original Message -----

**From:** Tricia Pfeiffer  
**Sent:** 07/20/2012 04:09 PM MDT  
**To:** Johanna Miller  
**Cc:** Alexandra Hall  
**Subject:** Fw: dust control

FYI...there seems to be better communication (ie she is being emailed) and they are working to address her concerns

Tricia Rios Pfeiffer, Engineer  
U.S. Environmental Protection Agency-Region8  
Watershed & Aquifer Protection Unit  
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MC: EP-EPR  
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P: 303-312-6271  
P: 866-457-2690 ext 312-6271  
F: 303-312-7206

----- Forwarded by Tricia Pfeiffer/R8/USEPA/US on 07/20/2012 04:07 PM -----

**From:** David Edwards <dedwards@oasispetroleum.com>  
**To:** jacki <jboid@dia.net>, "Semerad, Jim L." <jsemerad@nd.gov>, Tricia Pfeiffer/R8/USEPA/US@EPA  
**Cc:** Fabian Kjorstad <fkjorstad@oasispetroleum.com>, Kyle Olson/R8/USEPA/US@EPA, Alexis North/R8/USEPA/US@EPA, Cindy Beeler/R8/USEPA/US@EPA, "Dihle, Mark A." <mdihle@nd.gov>, "Peterson, Todd F." <tfpeterson@nd.gov>, "Jahraus, Tim M." <tjahraus@nd.gov>, "O'Clair, Terry L." <toclair@nd.gov>, "Roberts, Kris D." <kroberts@nd.gov>  
**Date:** 07/20/2012 03:59 PM  
**Subject:** RE: dust control

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All,

I think we may all agree that Mrs. Schilke is correct regarding the poor efficacy of just spraying water due to the current weather conditions. The product that Mrs. Schilke referenced in her previous message as an "oil like substance" that we sprayed on the road to the east of her is not an oil product. It is a dust suppression product, Earthbind™ 100, manufactured by EnviRoad. This product is used by the US Forest Service and has been approved by Williams County. The product description can be found at: [http://enviroad.com/dust\\_control\\_earthbind100.shtml](http://enviroad.com/dust_control_earthbind100.shtml); MSDS: [http://enviroad.com/dust\\_control\\_earthbind100\\_msdms.shtml](http://enviroad.com/dust_control_earthbind100_msdms.shtml). As an alternative to spraying water, which as Mrs. Schilke pointed out has its own shortcomings in terms of repetitive application requirements, I would suggest that we apply Earthbind™ 100. After Mr. and Mrs. Schilke have had a chance to review the information on the product, and if they agree that it is appropriate for the road surfaces currently in question, we can arrange for it to be applied. One caveat – if you drive through the product while it is still wet, it will stick to your vehicle and you'll need to wash it off. I'm not aware of it causing damage to paint, but it is a biopolymer and is sticky.

Regarding traffic on the county road, we have instructed our drivers and also our contractors to be considerate when driving past home sites and to minimize the amount of dust resulting from their equipment as best as they can. We continue to remind them of this. However, other entities and individuals use the public roads in this area and we have no control over how they operate their vehicles.

Mrs. Schilke, please review the information I provided and let me know your thoughts. If you agree that it is appropriate, we will get it applied as soon as we can.

Regards,

**David Edwards**  
**Environment, Health & Safety Manager**

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yv9DADcAAAAAAAAAARGVzY3JpcHRpb246IERlc2NyaXB0aW9uOiBEZXNjcmlwdGlvbjoT2FzaXNM

b2dvcHB0LTl4Mg==

**From:** jacki [mailto:jboid@dia.net]  
**Sent:** Friday, July 20, 2012 3:38 PM  
**To:** Semerad, Jim L.; Tricia Pfeiffer  
**Cc:** David Edwards; Fabian Kjorstad; Kyle Olson; Alexis North; Cindy Beeler; Dihle, Mark A.; Peterson, Todd F.; Jahraus, Tim M.; O'Clair, Terry L.; Roberts, Kris D.  
**Subject:** Re: dust control

FYI for anyone concerned, water on the road for dust control last about 1-1 1/2 hours with the heavy amount of truck traffic and heat to dry it out.

----- Original Message -----

**From:** [Semerad, Jim L.](#)  
**To:** [Tricia Pfeiffer](#) ; [Jacki](#)  
**Cc:** [David Edwards](#) ; [fkjorstad@oasispetroleum.com](mailto:fkjorstad@oasispetroleum.com) ; [Kyle Olson](#) ; [Alexis North](#) ; [Cindy Beeler](#) ; [Dihle, Mark A.](#) ; [Peterson, Todd F.](#) ; [Jahraus, Tim M.](#) ; [O'Clair, Terry L.](#) ; [Roberts, Kris D.](#)  
**Sent:** Friday, July 20, 2012 9:46 AM  
**Subject:** RE: dust control

All:

With the increased truck traffic using our dirt roads, dust has been a concern – the hot dry summer has made conditions worse as you would expect.

Here is what the Division of Air Quality is doing:

1. We have installed additional ambient air quality monitors in the oil patch. Our latest addition is a PM monitor in Williston. We are watching these monitors very closely to see how they compare with our existing monitors. To date, results indicate continued attainment with ambient air quality standards. I would add that our Section Chief asks for updates on a frequent basis so this issue is considered very important.

2. When we get complaints, we check to see if the complaint relates to operations of a single company (example: a temporary construction project like an asphalt concrete plant) or if it is the result of general traffic. If it is from a specific company, we contact the company to work with them on controls. If it is from general traffic, then we contact the county to inform them that they need to evaluate traffic patterns, speeds, dust control measures, etc.
3. The Department of Health is participating in a dust control study to determine what additives are the most effective for dust control on a short term and long term basis. The study will be completed around the end of the year. Information will be disseminated to counties to ensure that they are aware of the best tools for dust abatement.

Appropriate speed limits/enforcement and road improvements are up to Department of Transportation and local officials. Note that several truck routes have been put in place and/or are planned. The location for these can be very important to specific landowners. Appropriately, meetings have been held to determine the best course of action for each location.

Our office is not involved in the "release" form that Jacki reference nor do we enforce any stipulations if they are signed.

**Jim Semerad**

Division of Air Quality  
Manager, Permitting and Compliance  
State Dept. of Health  
918 E. Divide Ave. 2nd Floor  
Bismarck ND 58501-1947  
(701) 328-5188  
[jsemerad@nd.gov](mailto:jsemerad@nd.gov)  
Division Website:  
<http://www.health.state.nd.us/AQ/Airhomepage.htm>

**From:** Tricia Pfeiffer [mailto:Pfeiffer.Tricia@epamail.epa.gov]  
**Sent:** Thursday, July 19, 2012 4:44 PM  
**To:** Jacki  
**Cc:** David Edwards; fkjorstad@oasispetroleum.com; Semerad, Jim L.; Kyle Olson  
**Subject:** Re: dust control

Hey Jacki,

It was good talking with you this afternoon. We briefly discussed the email below and I wanted to follow-up. We (State and EPA) have had some email exchanges regarding the email below. Are you wanting to know what has been applied to the road? Do you also want dust control in your area? Can you please respond back to everyone and provide some clarification.

Thanks,  
Tricia

Tricia Rios Pfeiffer, Engineer

U.S. Environmental Protection Agency-Region8  
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▼  
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MTIgMDg6NTE6MzMgQU0tLS1UaGlzIGlzIHRob290cm9sZXVtIGRvZXMgYnVz  
aW5lc3MsIHRob290cm9sZXVtIGRvZXMgYnVz== "Jacki" ---07/19/2012 08:51:33 AM---This is the  
way Oasis Petroleum does business, they pick and choose who they are killing. On Friday,

From: "Jacki" <[jbojd@dia.net](mailto:jbojd@dia.net)>  
To: Tricia Pfeiffer/R8/USEPA/US@EPA  
Cc: Kyle Olson/R8/USEPA/US@EPA, "Semerad, Jim L." <[jsemerad@nd.gov](mailto:jsemerad@nd.gov)>, "David Edwards" <[dedwards@oasispetroleum.com](mailto:dedwards@oasispetroleum.com)>,  
<[fkjorstad@oasispetroleum.com](mailto:fkjorstad@oasispetroleum.com)>  
Date: 07/19/2012 08:51 AM  
Subject: dust control

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This is the way Oasis Petroleum does business, they pick and choose who they are killing. On Friday, July 13 Oasis put this oil like substance on the road in front of my neighbor directly to the east of me 1 mile, they will not do dust control for anyone else in the area. He did not sign a release or was even asked to sign a release to do this. We have asked many times to do dust control and they refuse, we are told we have to sign a release to have this done. This past spring they also put calcium chloride on the road by Hawkin Jorgenson during calving season, Hawkin did not sign a release to have this done. We breath this dust 24/7, our home sits in a low lying area and it sits right in out yard and will not blow out. The trucks will not slow down when they drive by the house, the cattle are standing in a cloud of dust, dirt running out of their noses.

The message is ready to be sent with the following file or link attachments:  
IMG\_2785.JPG

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.[attachment "IMG\_2785.JPG" deleted by Tricia Pfeiffer/R8/USEPA/US]

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